BRUHAT BANGALORE MAHANAGARA PALIKE

PWD FORM - 45 (WORK SLIP)

Name of Work: Maintenance and Development of Park in Ward No. 09, Vidyaranyapura.

Name of Agency: Executive engineer, Karnataka Rural Infrastructure Development Limited, # 280, 59th Cross Road, 17th 'C' Main Road, 3rd 'Y' Block,

Estimated Cost: 40,00,000.00

Tender Amount : Rs. 3998812.00 Lakhs

Work Order No. BBMP/EE/BTP/WO/136/2018-19 Dated: 26.09.2018.

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2018-19 +/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Excavation for road, drains and similar works KSRRB 300-1. Earthwork **excavation by manual means in ordinary soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m.	Cum	209.00	199.36	41666.24	209.00	199.36	41666.24	121.05	121.05	199.36	24133.00	0.00	0.00	0.00	24133.00	17533.24		
2	Providing and **Filling in foundation with granite / trap broken metal** 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead	Cum	49.50	2240.84	110921.58	49.50	2240.84	110921.58	0.00	0.00	2240.84	0.00	0.00	0.00	0.00	0.00	110921.58		
3	Providing and laying in position **plain cement concrete of mix 1:3:6** with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine	Cum	38.95	5348.76	208334.20	38.95	5348.76	208334.20	25.54	25.54	5348.76	136594.00	0.00	0.00	0.00	136594.00	71740.20		
4	Providing and laying **cement concrete** using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including	Cum	30.57	6428.90	196531.47	30.57	6428.90	196531.47	74.00	38.21	6428.90	245664.00	35.79	5770.64	206517.00	452181.00		255649.53	
5	Providing **T.M.T steel reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the	Tonne	3.67	64243.42	235773.35	3.67	64243.42	235773.35	8.51	4.59	64243.42	294717.00	3.92	75223.96	295066.00	589783.00		354009.65	
6	Providing and removing **centering, shuttering, strutting, propping** etc., and removal of form work for **vertical surface such as walls at any thickness**, including attached pilasters, buttresses, plinth cills	Sqm	168.64	310.58	52376.21	168.64	310.58	52376.21	285.00	210.80	310.58	65470.00	74.20	379.48	28157.00	93627.00		41250.79	
7	Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6, stone** hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each	Cum	82.80	4438.22	367484.62	82.80	4438.22	367484.62	29.40	29.40	4438.22	130484.00	0.00	0.00	0.00	130484.00	237000.62		
8	Providing and constructing granite / trap / basalt size stone masonry in **basement with cement mortar 1:6**, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in	Cum	37.62	5305.30	199585.39	37.62	5305.30	199585.39	22.05	22.05	5305.30	116982.00	0.00	0.00	0.00	116982.00	82603.39		
9	Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing etc complete as per	Sqm	213.60	103.88	22188.77	213.60	103.88	22188.77	180.00	180.00	103.88	18698.00	0.00	0.00	0.00	18698.00	3490.77		

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			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2018-19 +/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
10	Providing and laying in position **plain cement concrete of mix 1:2:4** with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.459cum.	Cum	7.20	5767.46	41525.71	7.20	5767.46	41525.71	13.00	9.00	5767.46	51907.00	4.00	5747.32	22989.00	74896.00		33370.29	
11	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all	m	113.40	868.14	98447.08	113.40	868.14	98447.08	262.50	141.75	868.14	123059.00	120.75	910.54	109948.00	233007.00		134559.92	
12	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and	m	465.00	343.44	159699.60	465.00	343.44	159699.60	525.00	525.00	343.44	180306.00	0.00	0.00	0.00	180306.00		20606.40	
13	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom	Sqm	384.00	698.54	268239.36	384.00	698.54	268239.36	525.00	480.00	698.54	335299.00	45.00	757.90	34106.00	369405.00		101165.64	
14	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square	Sqm	8.10	3110.04	25191.32	8.10	3110.04	25191.32	8.10	8.10	3110.04	25191.00	0.00	0.00	0.00	25191.00	0.32		
15	Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading,	cum	1080.00	320.12	345729.60	1080.00	320.12	345729.60	60.00	60.00	320.12	19207.00	0.00	0.00	0.00	19207.00	326522.60		
16	**Sand Filling** in Foundation Trenches as per Drawing & Technical Specification etc complete as per specifications and directions of engineer in charge of the work	Cum	58.00	2922.42	169500.36	58.00	2922.42	169500.36	66.00	66.00	2922.42	192880.00	0.00	0.00	0.00	192880.00		23379.64	
17	Providing and laying **heavy duty cobble stones 75mm thick interlock pavers**, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum	Sqm	290.00	1028.20	298178.00	290.00	1028.20	298178.00	0.00	0.00	1028.20	0.00	0.00	0.00	0.00	0.00	298178.00		
18	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and	No	644	331.78	213666.32	644.00	331.78	213666.32	0.00	0.00	331.78	0.00	0.00	0.00	0.00	0.00	213666.32		
19	Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces inoluding preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign	Sqm	65.25	27.56	1798.29	65.25	27.56	1798.29	0.00	0.00	27.56	0.00	0.00	0.00	0.00	0.00	1798.29		
20	Providing and applying spray painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after	Sqm	65.25	69.96	4564.89	65.25	69.96	4564.89	0.00	0.00	69.96	0.00	0.00	0.00	0.00	0.00	4564.89		

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			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2018-19 +/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	Providing and fixing of pre pigmented extruded orange cement roof tiles of size 420mm x 330mm with necessary specials such as Ridges, Barges and Nails etc. including cast of providing PVC (6.00kgs/sq	Sqm	126.72	755.78	95772.44	126.72	755.78	95772.44	0.00	0.00	755.78	0.00	0.00	0.00	0.00	0.00	95772.44		
22	Fabricating, supplying and erecting M.S. TubularTruss of span upto 10m. The bottom and top member is provided with 50x50x6mm double equal angles, welded back to back and in between top and bottom	Kgs	2576.78	116.60	300452.55	2576.78	116.60	300452.55	0.00	0.00	116.60	0.00	0.00	0.00	0.00	0.00	300452.55		
23	Providing Granite Benches etc complete as per specifications and directions of engineer in charge of the work	Nos	5	10000.00	50000.00	5.00	10000.00	50000.00	5.00	5.00	10000.00	50000.00	0.00	0.00	0.00	50000.00		0.00	
24	Providing and laying flooring using **prepolished, water cut/gang saw 19mm thick granite** laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of	Sqm	34.20	2776.14	94943.99	34.20	2776.14	94943.99	0.00	0.00	2776.14	0.00	0.00	0.00	0.00	0.00	94943.99		
																2707374.00		**963991.86**	
	Sub Total				3602571.34			3602571.34											
	KRIDL Charges @ 11%				360257.13			360257.13											
	Third Party Inspection Charges @ 1%				36025.71			36025.71											
	Miscelaneous and unforgen charges	LS			1146.00														
	Total				**4000000.00**			**3998854.18**								**2707374.00**	**1859207.19**	**963991.86**	

24.11 %

Percentage Excess 963991.86 / **Approved Tender Amount** 3998854.18 x100 = **24.11%**

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division, Bangalore - 92

"Worksip approved"